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#5

FIG. 1

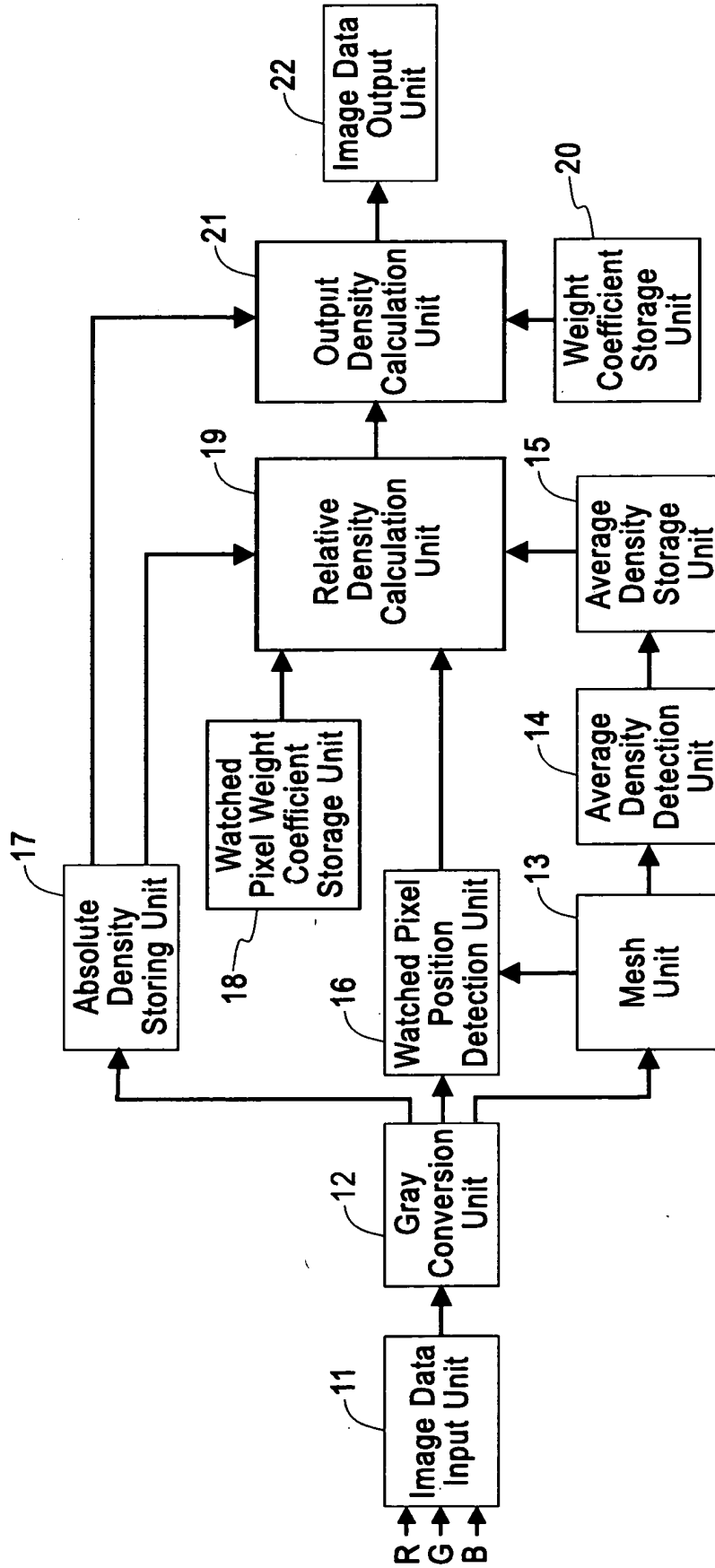


Fig. 1

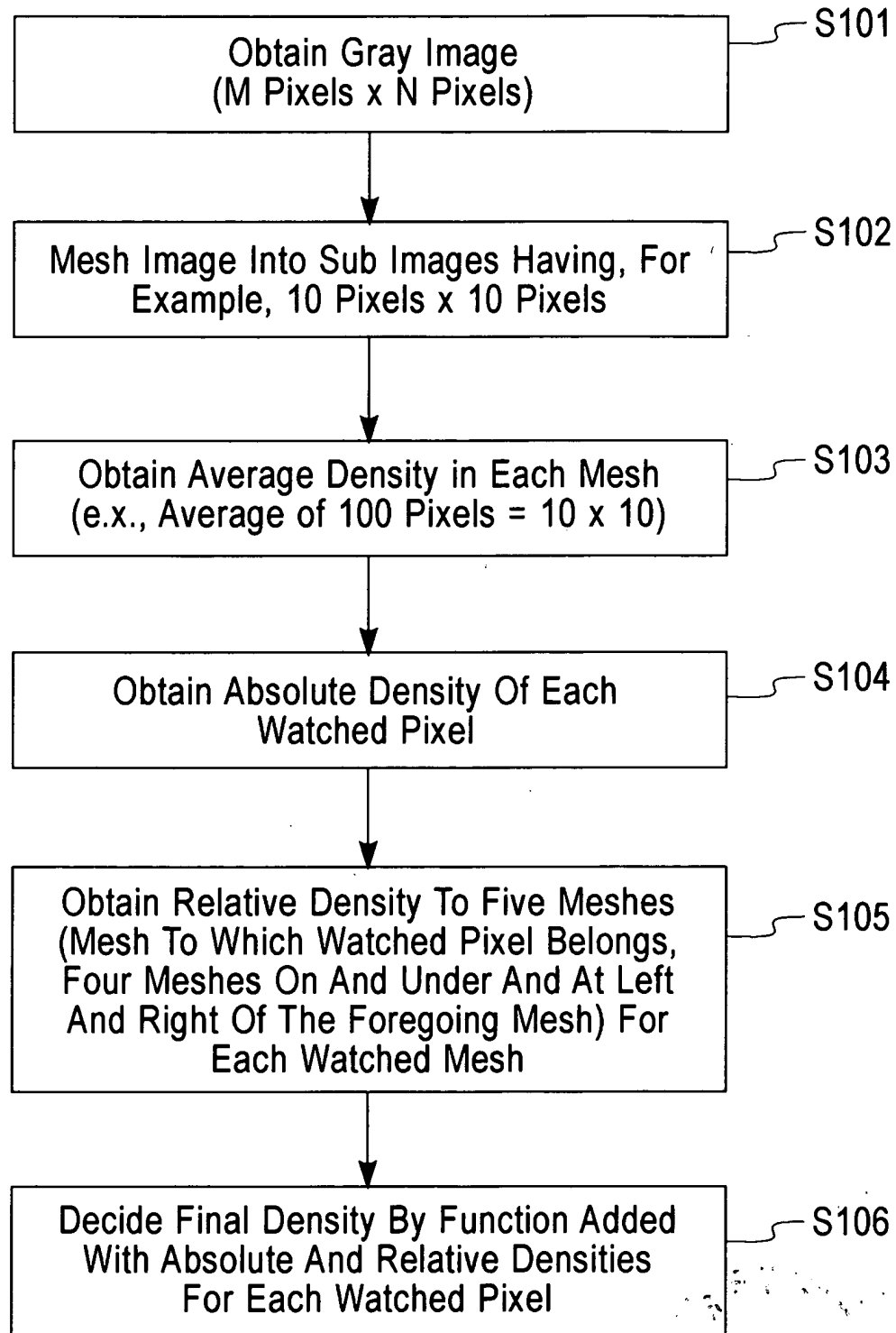


Fig. 2

$$\begin{aligned}
 [P]_{mn} = & C + \alpha P_{mn} && \text{Add Absolute Value} \\
 & + \beta \{ 2P_{mn} - (S_{ij} + d_1 S_{i-1j} + d_4 S_{i+1j}) && \text{Itself, On And Under} \\
 & + 2P_{mn} - (S_{ij} + d_2 S_{ij-1} + d_3 S_{ij+1}) \} / 4 && \text{Itself, Left And Right}
 \end{aligned}$$

[P]_{mn}: Final Value Of Pixel In m-TH Column
And n-TH Row

P_{mn}: Value (Absolute Value) Of Pixel In
m-TH Column And n-TH Row

C: Constant

S_{ij}: Average Density Of Mesh In i-TH Column
And j-TH Row

α: Weight Coefficient Of Absolute Value

β: Weight Coefficient Of Relative Value

d₁: Weight Coefficient Of Mesh On Mesh
To Which Watched Pixel Belongs

d₂: Weight Coefficient Of Mesh At Left Of
Mesh To Which Watched Pixel Belongs

d₃: Weight Coefficient Of Mesh At Right Of
Mesh To Which Watched Pixel Belongs

d₄: Weight Coefficient Of Mesh Under Mesh
To Which Watched Pixel Belongs

Fig. 3

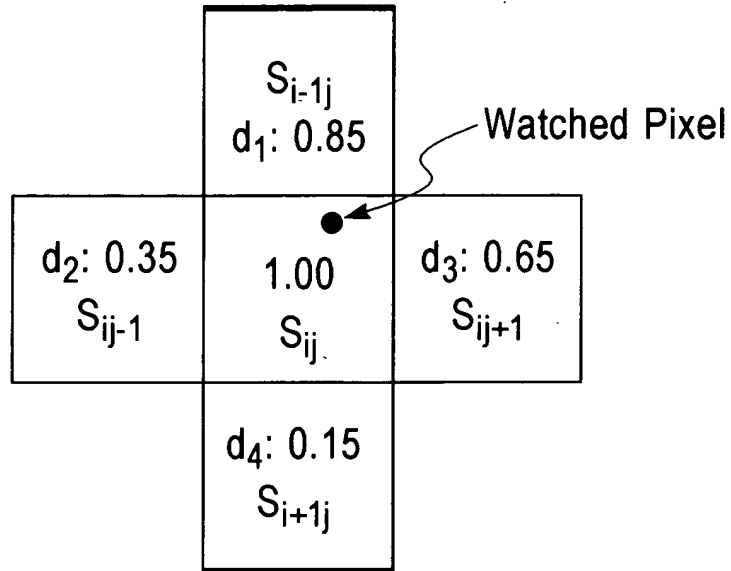


Fig. 4A

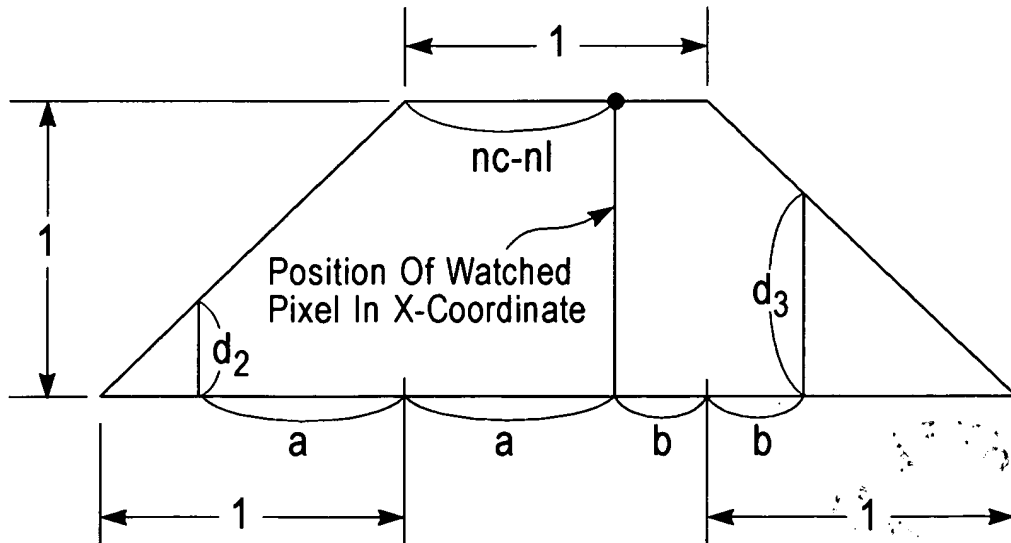


Fig. 4B

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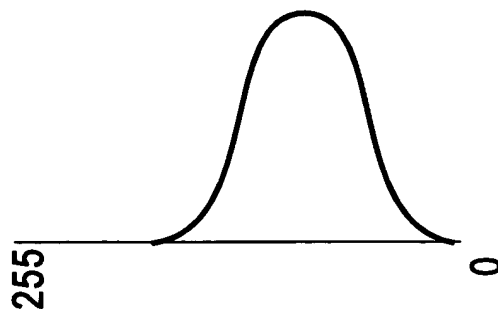
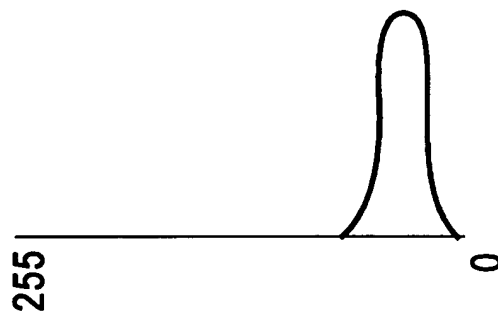
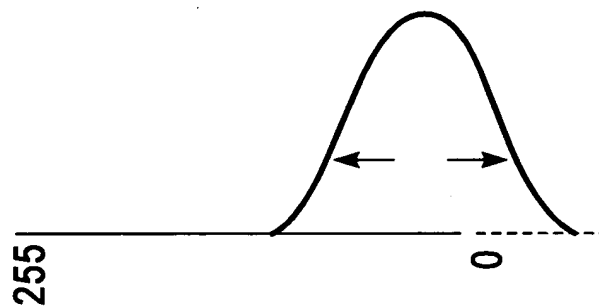
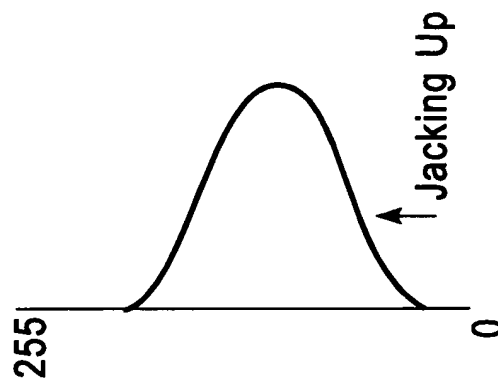
Original
HistogramMultiplied By α
(e.g., By 1/8)Added With
Relative ValueAdded
with C

Fig. 5A

Fig. 5B

Fig. 5C

Fig. 5D

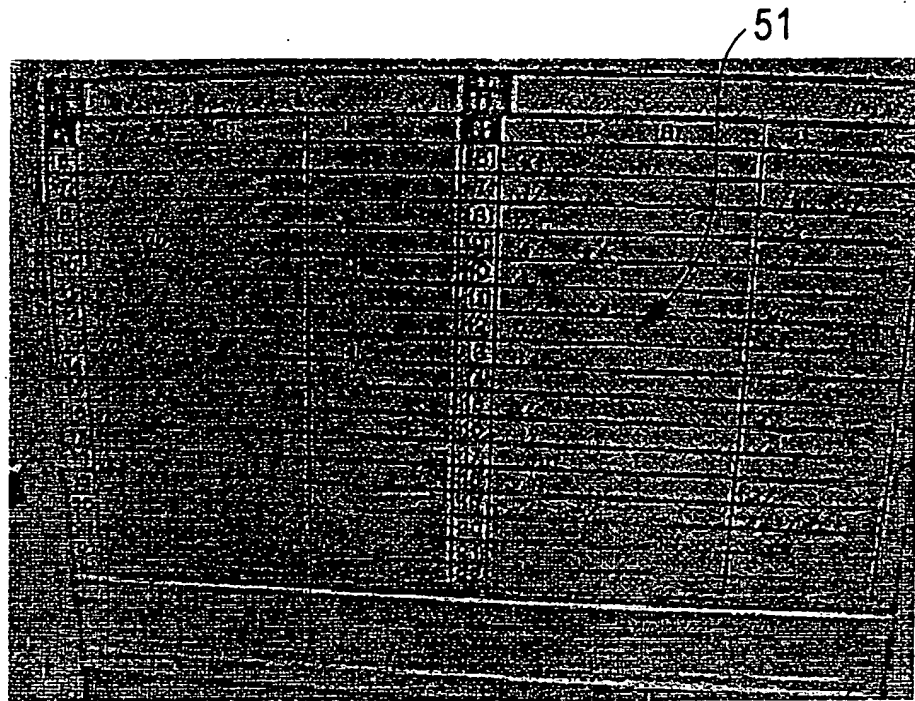


Fig. 6A

6		11	
7	31	12	
8	32	13	
9	11-97	14	
10		15	
11	67, 11	16	
12	11	17	
13	12, 12	18	
14		19	
15	32, 12	20	
16	12, 12	21	
17		22	
18			
19			
20			
21			
22			

Fig. 6B

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11	12	13	14	15	16	17	18	19	20	21	22
0											
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											

52

Fig. 7A

51

11	12	13	14	15	16	17	18	19	20	21	22
0											
1											
2											
3											
4											
5											
6											
7											
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Fig. 7B

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Fig. 8A



Fig. 8B

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Fig. 9

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